



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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<b>(21) International Application Number:</b> PCT/US99/26726  <b>(22) International Filing Date:</b> 10 November 1999 (10.11.99)  <b>(30) Priority Data:</b> 60/110,817                      12 November 1998 (12.11.98)    US 09/196,339                      19 November 1998 (19.11.98)    US  <b>(71) Applicant (for all designated States except US):</b> AC PROPERTIES B.V. [NL/NL]; Parkstraat 83, NL-2514 JG 's Gravenhage (NL).  <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> GOTTSMAN, Edward [US/US]; 1625 Asbury Avenue, Evanston, IL 60201 (US). BRODY, Adam [US/US]; 915 West Montana Street Apt. G4, Chicago, IL 60614 (US).  <b>(74) Agent:</b> STEPHENS, L., Keith; Hickman Stephens & Coleman, LLP, P.O. Box 52037, Palo Alto, CA 94303 (US).		<b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
<b>(54) Title:</b> A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR ADVANCED MOBILE BARGAIN SHOPPING		
<b>(57) Abstract</b>		
<p>A system is disclosed that facilitates web-based comparison shopping in conventional, physical, non-web retail environments. A wireless phone or similar hand-held wireless device with Internet Protocol capability is combined with a miniature bar code reader (installed either inside the phone or on a short cable) and utilized to obtain definitive product identification by, for example, scanning a Universal Product Code (UPC) bar code from a book or other product. The wireless device transmits the definitive product identifier to a service routine (running on a Web server), which converts it to (in the case of books) its International Standard Book Number or (in the case of other products) whatever identifier is appropriate. The service routine then queries the Web to find price, shipping and availability information on the product from various Web suppliers. This information is formatted and displayed on the hand-held device's screen. The user may then use the hand-held device to place an order interactively.</p> <div style="float: right; width: 40%;"> <pre> graph TD     900[900 BOOK OR OTHER PRODUCT WITH VISIBLE UPC BAR CODE] --&gt; 910[910 MINIATURE BAR CODE READER]     910 --&gt; 920[920 IP WIRELESS PHONE OR OTHER HAND HELD DEVICE]     920 --&gt; 930[930 ANTENNAE TRANSMITS SIGNAL]     930 --&gt; 940[940 WEB SERVER RUNNING SOFTWARE]     940 --&gt; 950[950 PRODUCT LOOKUP ON THE WEB]     950 --&gt; 960[960 BUY PRODUCT ON THE WEB]           </pre> </div>		